

An image pickup device comprises a CCD solid-state imaging element composed of a charge accumulation section and a charge transfer section, a CCD driver for driving the imaging element, a mechanical shutter for switching between the transmitting state and shading state of the subject's image on the imaging element, and a controller for controlling the CCD driver and mechanical shutter. The controller, closes, opens and closes the mechanical shutter in that order. After having discharged charges in the first closing, the device refrains from driving the vertical transfer channel during the period that the channel is exposed to light rays and ends exposure in the presence of a charge transfer pulse. Moreover, in a low-speed shutter, the image pickup device switches to exposure end with the mechanical shutter.